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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/723,034	11/26/2003	Baojun Li	144216XZ/YOD GEMS:0265	8860
7	590 05/31/2005		EXAM	INER
Patrick S. Yoder FLETCHER YODER			BRUCE, DAVID VERNON	
P.O. Box 6922			ART UNIT	PAPER NUMBER
Houston, TX	77269-2289		2882	
			DATE MAILED: 05/31/200	5

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Total Examiner
David V. Bruce — The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ③ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filled after Stx (6) MONTHS from the mailing date of this communication. If the period for reply is pecified above, the maximum statutory period will apply and will expire Stx (6) MONTHS from the resulting date of this communication. If the period for reply is pecified above, the maximum statutory primitimum of thirty (30) days will be considered timely. If NO period for reply is pecified above, the maximum statutory primitimum of thirty (30) days will be considered timely. If NO period for reply is pecified above, the maximum statutory primitimum of thirty (30) days will be considered timely. If NO period for reply is pecified above, the maximum statutory primitimum of thirty (30) days will be considered timely. If NO period for reply is pecified above, the maximum statutory minimum of thirty (30) days will be considered in the communication. If the period for reply is pecified above, the maximum statutory minimum of thirty (30) days will be considered timely. If NO period is reply is pecified at the communication, and the statutory minimum of thirty (30) days will be considered in the communication. Application of Claims (1) — Responsive to communication(s) filled on
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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILLING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.135(a). In no event, however, may a reply be timely filed after SIX (b) MONTH for the maining date than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered limely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than there months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on
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Priority under 35 U.S.C. § 119
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:
a) ☐ All b) ☐ Some c) ☐ None of. 1. ☐ Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No
3. Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
Attachment(s)
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date.
Solution of Discours Patent Brawing Review (F10-940) Solution Discours Statement(s) (PTO-1449 or PTO/SB/08) Solution Discours Statement(s) (PTO-1449 or PTO/SB/

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 2. Claim 20 is rejected under 35 U.S.C. 102(e) as being anticipated by Silver US 6,542,570 B1. Silver shows all of the features of the instant invention including a computer program for processing image data from x-ray attenuation data from multiple projections at multiple source positions that are non-uniformly weighted and backprojected (abstract and column 4 lines 33-45).

Allowable Subject Matter

- 3. Claims 1-19 and 21 are allowed.
- 4. The following is a statement of reasons for the indication of allowable subject matter: the claims address an apparatus, method, or computer program for tomosynthesis where back-projection and count/slice/projection/non-uniform weighting is used (as required by independent claims 1, 11, 15, 16, 18, 19, and 21).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Silver *et al.* US 2003/0123614 A1 and US 6,778,630 B2 show image reconstruction using non-uniform weights.

Art Unit: 2882

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David V. Bruce whose telephone number is (571) 272-2487. The examiner can normally be reached on M - Th and alt Fri 8:00 - 4:30 subject to I-Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward J. Glick can be reached on (571) 272-2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

David V Bruce Primary Examiner Art Unit 2882

dvb